

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005227**Date Inspected:** 18-Jan-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Chih Ming**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segments**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector Dan Hernandez was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Bay 13 OBG Assembly

Segment 2BW

Shielded Metal Arc Welding (SMAW) of weld joint SEG009A-007, 008 located on SP174A to BP195A and SP108A to BP195A. Welder is identified as 067765. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 2AE

Shielded Metal Arc Welding (SMAW) of weld joint FB064-003-009, 040 located on FB064. Welder is identified as 055564. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 5BE

WELDING INSPECTION REPORT

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Shielded Metal Arc Welding (SMAW) of weld joint SSD016-PP032-004 located on PP32. Welder is identified as 201087. ZPMC QC is identified as Wang Jie. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Bay 14 OBG Assembly

Segment 6CW

Flux Cored Arc Welding (FCAW) of weld joint SEG031B-006 located on SP517B to SP755B. Welder is identified as 045175. ZPMC QC is identified as Wu Bin. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 7CE

Submerged Arc Welding (SAW) of weld joint SEG038A-005 located on SP312A to SP339A. Welder is identified as 062406. ZPMC QC is identified as Wu Bin. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150-0042-2372 , who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Dan	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
